

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application in compliance for allowance. The present amendment is made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 1-21 are pending in this application. Independent claims 1, 8, and 15 are hereby amended. Support for this amendment is provided throughout the Specification as originally filed and specifically at page 3 and 17. No new matter has been introduced by this amendment. Changes to the claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

II. REJECTIONS UNDER 35 U.S.C. 103(a)

Claims 1-5, 7-12, 14-19 and 21 were rejected under 35 U.S.C. §103(a) as allegedly anticipated by U.S. Patent No. 6,226,038 to Frink et al. (hereinafter, merely “Frink”).

Claims 6, 13 and 20 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over Frink in view of U.S. Patent Application Publication 2002/0168036 A1 to Kim (hereinafter, merely “Kim”).

III. RESPONSE TO REJECTIONS

Claim 1 recites, *inter alia*:

“...wherein the edit processing means and first decoder are contained on a first PCI card, and the second decoder is contained on a separate second PCI card, the first PCI card being directly connected to the second PCI card, and

wherein the editing device is connected with a motherboard of the computer by itself.” (Emphasis added)

The present application relates to a system allowing an HDTV signal to be edited in real time without the use of dedicated large hardware other than a computer.

Applicants submit that neither Frink nor Kim, taken alone or in combination, teach or suggest the above identified features of claim 1. Specifically, neither of the references used as a basis for rejection describes that the editing device is connected with a motherboard of the computer by itself, as recited in claim 1.

Specifically, the Office Action relies on Frink to describe a real-time HDTV editing system (See, Frink, Fig. 5). However, Applicants submit that the Frink system includes large hardware other than a computer, such as HDTV video router 520, which is not connected with a motherboard of the computer by itself. In the present invention, the editing device, including the edit processing means and the first and second decoders, is contained on two PCI cards, and the PCI card has a PCI connector for connection with the motherboard, which has PCI slots, in the computer (See, Specification page 17, paragraph [0087]). Thus, **in the present invention, the editing device is fitted onto the motherboard itself, and the HDTV signal is edited in real time without the use of dedicated large hardware other than a computer** (See, Specification page 3, paragraph [0015]). Nothing has been found in Frink that would teach editing device contained on PCI cards and connected with a motherboard of the computer by itself, as recited in claim 1.

Furthermore, this deficiency of Frink is not cured by the supplemental teaching of Kim.

Therefore, Applicants respectfully submit that claim 1 is patentable.

For reasons similar to those described above with regard to independent claim 1, independent claims 8 and 15 are also patentable.

III. DEPENDENT CLAIMS

The other claims in this application are each dependent on an independent claim discussed above, and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

Similarly, because Applicants maintain that all claims are allowable for at least the reasons presented hereinabove, in the interests of brevity, this response does not comment on each and every comment made by the Examiner in the Office Action. This should not be taken as acquiescence of the substance of those comments, and Applicants reserve the right to address such comments.

CONCLUSION

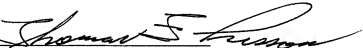
In the event the Examiner disagrees with any of statements appearing above with respect to the disclosures in the cited reference or references, it is respectfully requested that the Examiner specifically indicate those portions of the reference, or references, providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Respectfully submitted,

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